

# MODULARCONCEPT

A flexible, high-performance inserting system.



**FPi 5500** Inserting system



YOUR MAIL IS OUR BUSINESS

**GOES STRAIGHT TO THE POINT OF  
AUTOMATED FOLDING AND INSERTING**

## **FPI 5500** Inserting system

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You want your outgoing mail to get where it's going fast. The growing variety of mailings, tight schedules, and the need for efficiency in the mail room demand ever more performance from folding and inserting solutions.

The **FPI 5500** inserting system comes straight to the point of automated letter inserting: simplest operation, reliable letter handling and a high degree of flexibility. The **FPI 5500** can handle up to 4,000 letters per hour in C6, DIN long, and C5 formats – and up to 60,000 letters per month.

Security sensors and monitoring functions assure that every envelope is correctly and completely filled.

Process everything your mail room can generate – up to 10 pages per envelope, mailings with or without supplements, invoices, personalized mail. The **FPI 5500** can handle it all, in a snap. The intelligent modular construction allows the system to be configured with 2 to 6 stations as well as customer-specific solutions. Compact design and quiet operation (< 66 dB) make the **FPI 5500** at home in every office environment.



**FPI 5520**

**FPI 5540**

**FPI 5560**

## THE FLEXIBLE MODULAR SYSTEM

### MULTI-FUNCTIONAL FEEDER STATIONS

The **FPi 5500** can be configured with two, four or six automatic feeder stations, or additional stations can be added, in pairs, for up to six stations total. Each of the (up to six) stations can feed documents or supplements (flyers, postcards, return envelopes, brochures) for insertion.

**Automatic stations** can handle a diverse variety of documents or envelope-sized enclosures (post-cards, reply envelopes, flyers, etc). Miscellaneous daily-mail can be manually fed from the top station.

**Special stations** feature a manual separation setting for handling documents and brochures made of heavy or coated paper (DIN A6 or larger).

**Maxifeeder** (optional)  
Extra-large feeder with capacity for up to 1,200 sheets of DIN A4 (80 g/m<sup>2</sup> paper) or 325 reply envelopes or brochures.

**Flex version (Flex)** is a customized solution in which the quantity and types of stations can be configured according to the customer's specific needs.

MODEL	Total stations		Optical Marks Reading	Bottom Address (BA)
	automatic stations	special stations		
<b>FPi</b>				
<b>5520</b>	2	2	–	– <sup>1)</sup>
5520 S	2	1	–	– <sup>1)</sup>
5520 Flex	2	0–2*	–	– <sup>1)</sup>
5520 Flex BA	2	0–2*	–	yes
5520 OMR	2	2	yes	– <sup>1)</sup>
5520 S OMR	2	1	yes	– <sup>1)</sup>
5520 Flex OMR	2	0–2*	yes	– <sup>1)</sup>
5520 Flex OMR BA	2	0–2*	yes	yes
<b>5540</b>	4	4	–	– <sup>1)</sup>
5540 S	4	2	–	– <sup>1)</sup>
5540 Flex	4	0–4*	–	– <sup>1)</sup>
5540 Flex BA	4	0–4*	–	yes
5540 OMR	4	4	yes	– <sup>1)</sup>
5540 S OMR	4	2	yes	– <sup>1)</sup>
5540 Flex OMR	4	0–4*	yes	– <sup>1)</sup>
5540 Flex OMR BA	4	0–4*	yes	yes
<b>5560</b>	6	6	–	– <sup>1)</sup>
5560 S	6	4	–	– <sup>1)</sup>
5560 Flex	6	0–6*	–	– <sup>1)</sup>
5560 Flex BA	6	0–6*	–	yes
5560 OMR	6	6	yes	– <sup>1)</sup>
5560 S OMR	6	4	yes	– <sup>1)</sup>
5560 Flex OMR	6	0–6*	yes	– <sup>1)</sup>
5560 Flex OMR BA	6	0–6*	yes	yes

\* as desired to max. 1) Top Address



### Optional:

OMR Function  
Maxifeeder



### ☑ Daily mail function

Ideal for miscellaneous assorted mail: Varied document sets of up to 10 pages can be fed manually in the top station.

### ☑ Multisheet function

Feed, fold and insert up to 10 sheets of material (80 g/m<sup>2</sup> paper) drawn from any combination of stations, or feed 25 sheets of envelope-sized materials (i.e. DIN A5) for insertion without folding.

### ☑ Feeder-Swap

Increase system capacity by combining feeders with the swap mode for uninterrupted operation when processing high-volume single-item mailings. When one station empties, the other station starts automatically, enabling the first to be refilled without pause.

### ☑ Optical Marks Reading (optional)

OMR line-code recognition makes it possible to assemble personalized mailings (like invoices), or to select the optimum combination of enclosures to fill envelopes to the maximum allowable weight, or to divert extracopies away from the envelope. New: reverse-side marks reading is now also possible.

### ☑ Folding styles

**Standard folding styles:** Single fold, C-fold, Z-fold and double-parallel fold.

**Plus:** Short fold with Bottom Address (BA) – minimum folding length of 25 mm for processing documents with recipient's address at the bottom.



### ☑ Folding shell construction

The clam-shell construction of the **FPI 5500** allows quick access to material transport passages, making it possible to retrieve jammed materials intact and without tools.



### ☑ Semi-automatic envelope adjustment

Facilitates reliable processing of various envelope types.

### ☑ Envelope collector

The **FPI 5500** is equipped with a standard stacker for finished envelopes. Two alternative envelope stacker options are also available – one to increase the capacity for finished envelopes, and another to transfer finished envelopes to a downstream franker.



# INNOVATIVE FEATURES FOR MORE COMFORT, MORE FLEXIBILITY, MORE SECURITY



## ✔ **Fold-down display with touchscreen for convenient operation**

A real highlight – the fold-down display with full-colour touchscreen. Manually adjust the touchscreen according to how you wish to organise your work flow. Just turn the display to where you need it. The intuitive operating instructions use pictograms and clear text directions for easy programming. Up to 25 frequently used job settings can be saved for instant retrieval.

## **Fill&start**

Just fill the stations and start the job. The fill&start comfort function achieves new levels of convenience. No programming whatsoever is necessary to insert loaded documents into envelopes. Once the function has been selected, the machine automatically measures document and envelope sizes, makes necessary adjustments and begins operation.

## **Double-feed control for maximum security: real sheet control + insert control**

Two features that constantly monitor the content of every letter. Double-feed control uses electro-mechanical sensors to measure paper thickness and envelope contents. The automatic double-feed controls at each feeder station can be individually turned on or off.

## **Ten in one**

The **FPI 5500** is equipped with a patented power-fold mechanism that can fold up to 10 sheets of paper (single fold) or 8 sheets in Z-fold or C-fold styles.

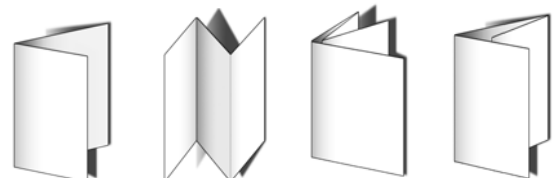
## **Divert&go**

A function that diverts incorrectly assembled document sets without interrupting machine operation. When using OMR, selectively diverted materials are deposited to an integrated diverting tray to assure undiminished job productivity.



**The right fold** transforms an A4 sheet into a small brochure. And a perfect mailing.

Select from all folds commonly used by the modern office: Single-fold, Z-fold, double-parallel fold, C-fold (left-to-right).



# FPI 5500 Inserting system



## SPECIFICATIONS

<b>Documents</b>	
Document width	130 to 230 mm
Document height	90 to 356 mm
Paper quality	60 g/qm to 250 g/m <sup>2</sup> (coated/uncoated)
<b>Pre-folded documents</b>	
	envelope-sized, up to 2 mm thick
<b>Load capacity</b> Variofeed stations	
	325 sheets per station (80 g/m <sup>2</sup> )
<b>Folding performance</b> with or without enclosure	
	up to 10 pages (80 g/m <sup>2</sup> )
<b>Inserting performance</b> without folding (envelope sized, ex. DIN A5)	
	up to 25 sheets (80 g/m <sup>2</sup> )
<b>Inserting speed</b>	
	up to 4.000 envelopes/hour
<b>Programmable job memory</b>	
	25 jobs, plus fill & start
<b>Envelopes</b>	
	with or without windows C6, DIN long, C5, C6/5
<b>Max. machine dimensions in mm</b> (W x D x H)	
<b>FPI 5560</b> (with conveyor stacker)	1,895 x 420 x 925 mm
<b>Max. weight (FPI 5060)</b>	
	110 kg
<b>Power supply</b>	
	220/240 V, 50 Hz
<b>Noise emission</b>	
	< 66 dB (A) according to 11202
<b>Certification</b>	
	CE

Data subject to change.



## TECHNOLOGY ADVANTAGE

- > **Fill&start comfort function** for simple operation
- > **10-sheet folding capacity<sup>1)</sup>** for single folds
- > **8-sheet folding capacity<sup>1)</sup>** for Z and C-folds
- > **Quiet folding mechanism**
- > **Stations can be upgraded individually**
- > **Inserts most common formats, including postcards, special types of paper and stapled materials** in a single work step
- > **Alternating feeder mode** for uninterrupted operation (saves time reloading stations).
- > **Efficient multi-sheet function** to feed multiple pages from any station
- > **Memory to save settings for up to 25 different jobs**
- > **A resettable piece counter** for individual jobs plus a **separate counter that tracks total jobs** run on the machine
- > **Monitoring sensors** to assure envelope contents are complete; suspect envelopes automatically diverted without interruption
- > **OMR feeder control** available for all stations
- > **Selective feeder control** from up to 5 stations

<sup>1)</sup> Data based on 80 g/m<sup>2</sup> paper weight